



1

## SEQUENCE LISTING

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Kim, Yon Su  
Lacraz, Sylvie Ferrari

<120> COMPOSITION AND METHOD FOR ACHIEVING IMMUNE SUPPRESSION

<130> 01948-056001

<140> US 09/855,313  
<141> 2001-05-14

<150> US 60/203,801  
<151> 2000-05-12

<160> 7

<170> FastSEQ for Windows Version 4.0

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<210> 1
<211> 489
<212> DNA
<213> Homo sapiens
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<220>  
<221> CDS  
<222> (1) . . . (486)

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<400> 1
atg aga att tcg aaa cca cat ttg aga agt att tcc atc cag tgc tac
Met Arg Ile Ser Lys Pro His Leu Arg Ser Ile Ser Ile Gln Cys Tyr
   1           5           10          15

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ttg tgt tta ctt cta aac agt cat ttt cta act gaa gct ggc att cat 96  
 Leu Cys Leu Leu Leu Asn Ser His Phe Leu Thr Glu Ala Gly Ile His  
           20                 25                 30

gtc ttc att ttg ggc tgt ttc agt gca ggg ctt cct aaa aca gaa gcc 144  
 Val Phe Ile Leu Gly Cys Phe Ser Ala Gly Leu Pro Lys Thr Glu Ala  
 35 40 45

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aac tgg gtg aat gta ata agt gat ttg aaa aaa att gaa gat ctt att      192
Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
      50           55           60

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caa tct atg cat att gat gct act tta tat acg gaa agt gat gtt cac 240  
 Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His  
   65               70               75               80

ccc agt tgc aaa gta aca gca atg aag tgc ttt ctc ttg gag tta caa 288  
 Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln  
                   85                  90                  95

|   |     |
|---|-----|
| gtt att tca ctt gag tcc gga gat gca agt att cat gat aca gta gaa | 336 |
| Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu |     |
| 100   | 105 |
| 110   |     |
| aat ctg atc atc cta gca aac aac agt ttg tct tct aat ggg aat gta | 384 |
| Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val |     |
| 115   | 120 |
| 125   |     |
| aca gaa tct gga tgc aaa gaa tgt gag gaa ctg gag gaa aaa aat att | 432 |
| Thr Glu Ser Gly Cys Lys Glu Cys Glu Leu Glu Glu Lys Asn Ile     |     |
| 130   | 135 |
| 140   |     |
| aaa gaa ttt ttg gac agt ttt gta cat att gtc gac atg ttc atc aac | 480 |
| Lys Glu Phe Leu Asp Ser Phe Val His Ile Val Asp Met Phe Ile Asn |     |
| 145   | 150 |
| 155   | 160 |
| act tct tga   | 489 |
| Thr Ser   |     |

<210> 2  
<211> 162  
<212> PRT  
<213> Homo sapiens

|   |     |
|---|-----|
| <400> 2   |     |
| Met Arg Ile Ser Lys Pro His Leu Arg Ser Ile Ser Ile Gln Cys Tyr |     |
| 1   | 5   |
|   | 10  |
|   | 15  |
| Leu Cys Ile Leu Leu Asn Ser His Phe Leu Thr Glu Ala Gly Ile His |     |
| 20  | 25  |
|   | 30  |
| Val Phe Ile Leu Gly Cys Phe Ser Ala Gly Leu Pro Lys Thr Glu Ala |     |
| 35  | 40  |
|   | 45  |
| Asn Trp Val Asn Val Ile Ser Asp Leu Lys Ile Glu Asp Leu Ile     |     |
| 50  | 55  |
|   | 60  |
| Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His |     |
| 65  | 70  |
|   | 75  |
|   | 80  |
| Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln |     |
| 85  | 90  |
|   | 95  |
| Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu |     |
| 100   | 105 |
|   | 110 |
| Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val |     |
| 115   | 120 |
|   | 125 |
| Thr Glu Ser Gly Cys Lys Glu Cys Glu Leu Glu Lys Asn Ile         |     |
| 130   | 135 |
|   | 140 |
| Lys Glu Phe Leu Asp Ser Phe Val His Ile Val Asp Met Phe Ile Asn |     |
| 145   | 150 |
|   | 155 |
|   | 160 |
| Thr Ser   |     |

<210> 3  
<211> 489  
<212> DNA  
<213> Homo sapiens

<220>  
<221> CDS  
<222> (1)...(486)

|   |  |     |
|---|--|-----|
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| Met Arg Ile Ser Lys Pro His Leu Arg Ser Ile Ser Ile Gln Cys Tyr |  |     |
| 1 5 10 15   |  |     |
| ttg tgt tta ctt cta aac agt cat ttt cta act gaa gct ggc att cat |  | 96  |
| Leu Cys Leu Leu Asn Ser His Phe Leu Thr Glu Ala Gly Ile His     |  |     |
| 20 25 30  |  |     |
| gtc ttc att ttg ggc tgt ttc agt gca ggg ctt cct aaa aca gaa gcc |  | 144 |
| Val Phe Ile Leu Gly Cys Phe Ser Ala Gly Leu Pro Lys Thr Glu Ala |  |     |
| 35 40 45  |  |     |
| aac tgg gtg aat gta ata agt gat ttg aaa aaa att gaa gat ctt att |  | 192 |
| Asn Trp Val Asn Val Ile Ser Asp Leu Lys Ile Glu Asp Leu Ile     |  |     |
| 50 55 60  |  |     |
| caa tct atg cat att gat gct act tta tat acg gaa agt gat gtt cac |  | 240 |
| Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His |  |     |
| 65 70 75 80   |  |     |
| ccc agt tgc aaa gta aca gca atg aag tgc ttt ctc ttg gag tta caa |  | 288 |
| Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln |  |     |
| 85 90 95  |  |     |
| gtt att tca ctt gag tcc gga gat gca agt att cat gat aca gta gaa |  | 336 |
| Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu |  |     |
| 100 105 110   |  |     |
| aat ctg atc atc cta gca aac aac agt ttg tct tct aat ggg aat gta |  | 384 |
| Asn Leu Ile Ile Leu Ala Asn Asn Ser Ser Asn Gly Asn Val         |  |     |
| 115 120 125   |  |     |
| aca gaa tct gga tgc aaa gaa tgt gag gaa ctg gag gaa aaa aat att |  | 432 |
| Thr Glu Ser Gly Cys Lys Glu Cys Glu Leu Glu Glu Lys Asn Ile     |  |     |
| 130 135 140   |  |     |
| aaa gaa ttt ttg cag agt ttt gta cat att gtc caa atg ttc atc aac |  | 480 |
| Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn |  |     |
| 145 150 155 160   |  |     |
| act tct tga   |  | 489 |
| Thr Ser   |  |     |

<210> 4  
<211> 162  
<212> PRT  
<213> Homo sapiens

<400> 4  
 Met Arg Ile Ser Lys Pro His Leu Arg Ser Ile Ser Ile Gln Cys Tyr  
   1               5               10               15  
 Leu Cys Leu Leu Leu Asn Ser His Phe Leu Thr Glu Ala Gly Ile His  
   20              25              30  
 Val Phe Ile Leu Gly Cys Phe Ser Ala Gly Leu Pro Lys Thr Glu Ala  
   35              40              45  
 Asn Trp Val Asn Val Ile Ser Asp Leu Lys Ile Glu Asp Leu Ile  
   50              55              60  
 Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His  
   65              70              75              80  
 Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln  
   85              90              95  
 Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu  
  100             105             110  
 Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val  
  115             120             125  
 Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile  
  130             135             140  
 Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn  
 145             150             155             160  
 Thr Ser

<210> 5  
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<212> DNA  
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<220>  
<223> Synthetically generated oligonucleotide

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<210> 6  
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<212> DNA  
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<220>  
<223> Synthetically generated oligonucleotide

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26

<210> 7  
<211> 60  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Synthetically generated oligonucleotide

<400> 7  
cgggatcctc aagaagtgtt gatgaacatg tcgacaatat gtacaaaact gtccaaaaat

60